

We claim:

1. An amorphous form of 3-[2-(dimethylamino) ethyl]-N-methyl-1H-Indole-5-methane sulfonamide succinate (Sumatriptan succinate).
2. An amorphous form of Sumatriptan succinate of claim 1, which is substantially
5 in accordance with that characterized by an X-ray powder diffraction pattern of Figure (1).
3. A process for the preparation of an amorphous form of 3-[2-(dimethylamino) ethyl]-N-Methyl-1H-Indole-5-methane sulfonamide succinate (Sumatriptan succinate), of claim 1 which comprises:
10 a) refluxing an aqueous mixture of Sumatriptan in C₁-C₅ straight or branched chain alcoholic solvents; or in nitrile solvents of formula RCN wherein R is C₁-C₅ alkyl;
b) adding succinic acid; and
c) adding a water immiscible aliphatic or alicyclic hydrocarbon solvent to the
15 residue obtained in step (b).
4. A process for the preparation of an amorphous form of 3-[2-(dimethylamino)ethyl]-N-methyl-1H-Indole-5-methane sulfonamide succinate (Sumatriptan succinate) of claim 1 which comprises:
a) refluxing an aqueous mixture of Sumatriptan succinate in C₁-C₅ straight or
20 branched chain alcoholic solvents; and
b) adding a water immiscible aliphatic or alicyclic hydrocarbon solvent to the residue obtained in step (a).

5. The process of claim 3, wherein the Sumatriptan according to step (a) is crystalline.
6. The process of claim 4, wherein the Sumatriptan succinate is crystalline.
- 5 7. The process according to claim 3, wherein the straight or branched chain alcoholic solvents are selected from one or more of the group consisting of methanol, ethanol, n-propanol, iso-propanol, n-butanol, 2-butanol, and 2-pentanol.
8. The process according to claim 4, wherein the straight or branched chain
10 alcoholic solvents are selected from one or more of the group consisting of methanol, ethanol, n-propanol, iso-propanol, n-butanol, 2-butanol, and 2-pentanol.
9. The process according to claim 3, wherein nitrile solvents are selected from the group consisting of acetonitrile, propionitrile, and mixtures thereof.
- 15 10. The process according to claim 4, wherein nitrile solvents are selected from the group consisting of acetonitrile, propionitrile, and mixtures thereof.
11. The process according to claim 7, wherein the alcoholic solvent is methanol.
12. The process according to claim 8, wherein the alcoholic solvent is methanol.
13. The process according to claim 9 wherein the nitrile solvent is acetonitrile.
- 20 14. The process according to claim 10 wherein the nitrile solvent is acetonitrile.
15. The process according to claim 3, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is selected from the group consisting of petroleum ether, hexane, cyclohexane, heptane, and mixtures thereof.

16. The process according to claim 4, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is selected from the group consisting of petroleum ether, hexane, cyclohexane, heptane, and mixtures thereof.
17. The process according to claim 15, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is cyclohexane.
18. The process according to claim 16, wherein the water immiscible aliphatic or alicyclic hydrocarbon solvent is cyclohexane.